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PATENT APPLN. NO. 10/800,914
RESPONSE UNDER 37 C.F.R. §1.111

PATENT
NON-FINAL

IN THE CLAIMS:

1 - 8. (canceled)

9. (currently amended) A method for sterilizing and disinfecting a body tissue using iontophoresis comprising contacting an oral lesion in the body tissue with a drug solution retained and supplied by a positive electrode section in the form of a brush and contacting a body tissue in the vicinity of said lesion with a second solution retained and supplied by a negative electrode section in the form of a sponge, to provide a closed electric circuit between these electrode sections and the lesion, and conducting a current of 40 μ A or lower into the closed circuit for 8 to 30 seconds, wherein said drug solution is a solution containing an amphoteric surface active agent having a sterilizing and disinfecting effect as a main ingredient, and said second solution is a sodium chloride solution having a concentration of 1 to 3%.

10 - 11. (canceled)

12. (currently amended) A method for sterilizing and disinfecting a body tissue using iontophoresis comprising

contacting a superficial lesion of a human body or small animals with a drug solution retained by a positive electrode section and contacting a body tissue in the vicinity of said lesion with a second solution retained and supplied in a negative electrode section in the form of a brush, to provide a closed electric circuit between these electrode sections and the lesion and conducting a current of 0.2 to 0.5mA into the closed circuit for a predetermined time wherein said drug solution is a solution containing an amphoteric surface active agent having a sterilizing and disinfecting effect as a main ingredient, said second solution is a sodium chloride solution having a concentration of 1 to 3%, and current value, voltage value and electric conduction time for said electric conduction are set in response to thickness and area of a target skin at said lesion.

13. (canceled)